

‘CMEs and Flares’ Quiz

1. Describe solar flare:

2. How are solar flares classified:

3. What can be the space weather impact of the flares:

4. Describe the coronal mass ejection (CME):

5. What can be the space weather impact of the CMEs:

6. What is the physical mechanism behind the flares and CMEs:

Optional homework:

- 1. What is the class of a flare if it's Flux is $2.5 \cdot 10^{-4}$:**
- 2. What is the correlation between solar flares and solar activity:**
- 3. Describe Solar Flare Classes:**
- 4. Describe the filament eruption on the Sun:**
- 5. What is typical CME mass and speed:**
- 6. CME classification and SCORE scale:**